

**IN THE CLAIMS:**

Please cancel claim 48 without prejudice or disclaimer.

Please amend claim 32 as follows:

1-31. (Cancelled)

32. (Currently Amended) A contactless detector comprising:

    a radiation energy probe for remotely receiving radiation energy from the skin at a brain tunnel, said probe including a column for receiving radiation energy, said column including a distal end and a proximal end,

    a sensor located at said proximal end of said column,

    said distal end of said column being ~~an open a window configured for~~ directly receiving all of the radiation energy from the brain tunnel from the distal end to the proximal end of the column, along an unobstructed path, said column having a constant cross section with a largest inner dimension of less than 3.0 mm, and

~~a field of view of said open ended window of the column being less than or equal to five degrees~~

~~a ratio of a length of said column to the constant cross section of said column being at least 10:1.~~

33. (Withdrawn) A detector comprising:

a radiation energy probe for remotely receiving radiation energy from the skin at a brain tunnel, said probe including a lens for collimating radiation energy received from the brain tunnel.

34-46. (Cancelled)

47. (Previously Presented) The contactless detector as claimed in claim 32, wherein the length of said column is about 3 cm.

48. (Cancelled)